TTD USB Programmer

User Manual

Please read these instructions before use. Keep documentation with device for future reference and for others to refer to.

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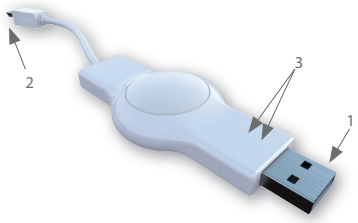
1 Instruction Manual

How to Use Device
TTD USB Programmer enables quick programming and facilitates programming multiple thermostatic heads using the TTD101 port. The programmable key is compatible with the USB port of any PC. The cable can ONLY be connected to the programming port of the Ecodhome TTD101 heads.
Never use to connect to the mini-USB port of any other device.
TTD USB Programmer is not suitable for use as a portable storage device.

Control Elements and Indicators
1 USB connector
2 Connector for TTD101 programming port
3 Red/Green LED indicator



Functions
PROGmatic allows you to easily define by programming the on your computer, the timings, Comfort and Eco temperatures of the TTD101 thermostatic heads. The temperature profiles of the various environments can be easily stored on all TTD101 thermostatic heads. The thermostats automatically acquire the time and date.

Installazione del software
Download the software for programming TTD USB Programmer on http://www.ecodhome.com/downloads/drivers-e-software/ttd-usb-programmer Once you have clicked on the link to download the software, it will automatically open a window allowing you to install the program.

1. Select the desired language
2. Select the destination folder
3. Click on „Install“
4. When finished, click „Finish“

Start TTD USB Programmer
Plug the USB connector into an available port on your PC. If the key is properly connected the red and green LEDs will fixed on, indicating access mode.
If the drive is connected correctly, this will allow the subsequent transfer of programs to the connected heads.

At this point you can proceed with programming the heads.

Set the Environment Profiles
When you first start, the profile setting is set with 01 P values predefined in the factory, which you can amend or cancel depending on your needs.

Name the Environment Profiles
For ease of identification, each environment profile can be saved with a specific name. The personalized definitions must be entered in the appropriate box and confirmed with OK.

Creating New Environment Profiles
Click on the „+“ to add new environments. Label each room up to a maximum of 10. For each environment, you can set minimum and comfort temperatures, as well as switching off the head.
The program will only accept the creation of a new area when you have completed the previous profile.

Set the Eco and Comfort Temperatures
Both the Eco and Comfort temperatures can be easily defined in the relevant boxes within each environment profile.

Setting Off-set Values
The temperature within the room can be different to the temperature measured at the radiator itself. If, for example, instead of the 21°C set, the room temperature is only 19°C, the user can select an offset value of 2°C

Setting Weekday Options
The buttons above the time bar allow you to program each day of the week separately, or to define a block.
Individual Day – every day gets its own heating profile.
Suggested blocks:
From Monday to Friday – weekdays get the same heating profile
Saturday & Sunday – weekend days get the same heating profile.

Set a Comfort Time Slot
To define a Comfort heating time period move cursor over starting point and drag slide with mouse, while pressing left button, to the desired end time, where you release.
The Comfort time slot is represented by the dark green bar / slide.
Repeat the same steps to define the next time slots. Follow the same procedure for other days of the week.

Cancel or Amend a Comfort Time Slot
To cancel a Comfort time slot, place the cursor on the slide in question and right click the mouse. The screen displays a menu, which among other things, allows you to delete selected time slot.
To amend a Comfort heating time period, place the cursor on the slide in question, position it at the end you want to move, then drag with mouse, pressing left button, to the time required.

Save Profile Environment
After you have programmed your environment profile, these can be saved using the „Save“ button or by selecting „Save....“ from the menu „File“, where a window will open giving you various options to select:

1. Save the software on your PC – the different profiles created will be saved as .dat files.
2. Save the program on the TTD USB Programmer – allows the transfer of profiles to the TTD101 heads.

Other Features

Child Lock
This can be enabled / disabled separately for each environment profile.

Holiday Function
This tab allows you to enter the days / vacation periods planned. During these periods, the thermostatic heads will regulate the temperature according to the set values.
Click „+“ to add a new holiday profile. You can create up to 8 profiles.

To set the start of a holiday period, click on the calender icon (Start). To set the start time, click the mouse on the „00:00“ displayed, and set the desired time. The end of the holiday period can be set by clicking on the calender icon (End).
By clicking on the „X“, you can delete the holiday profile.
Label period, in this case „Holiday 1“:

Add holiday
Holiday 1
Start 00:00 17-08-2014 7)
End 00:00 31-08-2014 7)
Economy temperature (economy) 16.0

Print a Summary of Profiles
If you select ‘Print’ from the ‘File’ menu, you can print a summary of the profiles created.

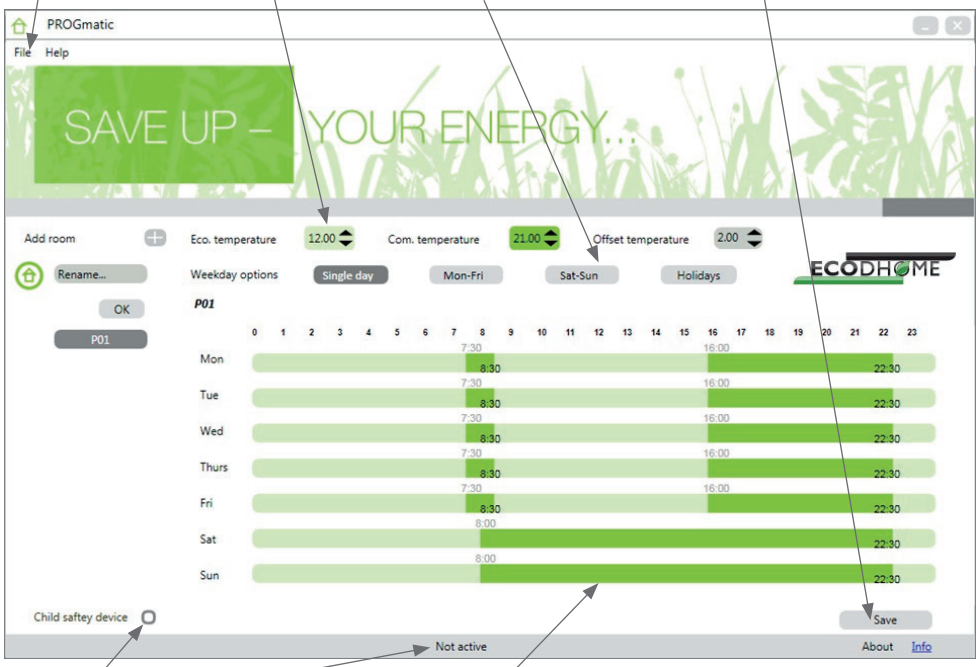
Opening the Environment Profiles Saved
If you select ‘Open’ from the ‘File’ menu, you can open the profiles previously saved.

Menu Bar:
Open and save the profiles created, and print overview

Setting Switches:
Set the Eco / Comfort temperatures and Temp. Offset

Define Blocks:
Days with same time and temperature settings

Save:
Save new profiles



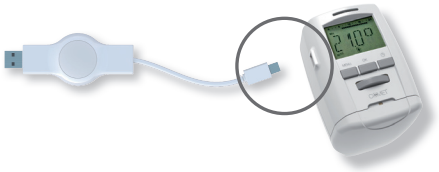
Child Lock:
On / Off

Status Bar:
Activated – green
Inactive - grey

Environment Profile Section:
Chart for scheduling Comfort & Eco heating time slots.
Light green – Eco, dark green – Comfort.

Transfer data to TTD USB Programmer
After Completing the environment profile programming, save the modifications made on the programmer by clicking on 'Save' or by selecting the 'Save' command in the 'File' menu. Then remove the device from the USB port.

Transfer data to the TTD101 Thermostatic Head
Insert the connector into the corresponding socket in the head. See figure below:
Note: *TTD USB Programmer must be disconnected from the computer while you are transferring heating profiles!*



The display shows 'P01', which indicates 'Profile 1'. Select the environment profile to be used by the thermostatic heads by turning the wheel / roundel. You will be able to access any environment profiles defined using the PC software.
Press OK button to transfer the data to TTD101.
As soon as the thermostatic head is programmed, the display returns to normal.
Important: *allow at least 10 seconds to transfer settings.*

Commissioning the Head for First Time

A new device will be set on factory settings. Refer to TTD101 manual for set-up procedure.

- Press the Menu button, rotate the roundel until PROG displayed, then press OK to enter current date and time, which is automatically transferred to the head from the TTD USB Programmer.
- The motor nows move to the ON position for valve installation, as shown on the display. For full instructions refer to the TTD101 manual.
- TTD101 is then ready to receive settings from the TTS USB Programmer.

Cleaning
Clean only with a dry or slightly damp cloth. Do not use solvents as they may damage the device

Disposal of Device
Do not dispose of the device or packaging with the household waste, they can be sent for recycling. Contact your local council for advice on recycling centres.

Note:
TTD USB Programmer allows programming of TTD101 thermostatic heads with the port incorporated.

Technical Data

Power Supply:	5V DC, max. 100mA via USB port
Serial Ports:	
PC:	USB 2.0
TTD101:	TTD101 programming port
System Requirements:	Windows XP ° SP3
N° of time slots:	4 heating periods per day
LED functions:	
Red LED on:	the data on TTD SUB Programmer must be updated
Green LED flashes:	programmer is properly connected to PC
Protection degree:	IP30 in accordance with EN 60529
Ambient temperature:	0°C to +50 °C
Storage temperature:	-20 °C to +70 °C
Material:	ASA Plastic
Dimensions:	75 x 14 x 34 mm (H x W x L)

Warranty

http://www.ecodhome.com/garanzia-e-riparazioni.html

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For United Kingdom and Ireland, refer to:

www.ecodhome.co.uk
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